

# Converting Colors

Hex(A780C7)

Have a look what the booklet for  
Hex(A780C7) contains.

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# **Color**

**Hex(A780C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A780C7
RGB	167, 128, 199
RGB Percent	65%, 50%, 78%
CMY	0.3451, 0.4980, 0.2196
CMYK	0.16, 0.36, 0.00, 0.22
HSL	273°, 39%, 64%
HSV	273°, 36%, 78%
XYZ	33.9643, 27.7774, 57.6043
YIQ	147.7550, 0.4530, 30.3490

# Conversions

## Conversions Part 2

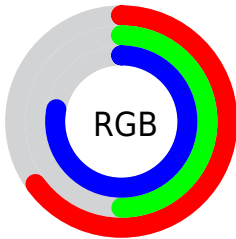
Format	Color
<a href="#">RYB</a>	<a href="#">167, 128, 199</a>
Decimal	<a href="#">10977479</a>
CIELab	<a href="#">59.69, 28.57, -31.26</a>
CIElCh	<a href="#">60, 42.353, 312.429</a>
Yxy	<a href="#">27.7774, 0.2846, 0.2327</a>
Android (android.graphics.Color)	<a href="#">4289167559 (0xFFA780C7)</a>
YUV	<a href="#">147.7550, 25.2638, 16.8779</a>
Hunter-Lab	<a href="#">52.7042, 22.7988, -27.9094</a>

# Details

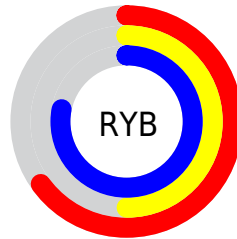
The Hex color **A780C7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **A0C780**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **DFB5FF**, and **724E91** is the 20% darker color. If you saturate the color by 10%, you get **9E6CC7**, and if you desaturate by 10%, it is **B094C7**.

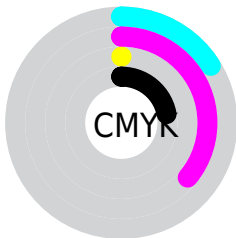
# Distribution



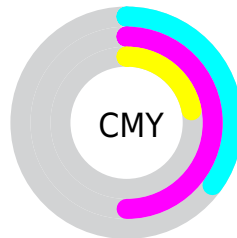
- Red (65%)
- Green (50%)
- Blue (78%)



- Red (65%)
- Yellow (50%)
- Blue (78%)



- Cyan (16%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (50%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A780C7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color A780C7 by changing the saturation by 10% instead.



 A780C7

 A780C7

FFFFFF

 8C67AC

 DFB5FF

 724E91

 FCD1FF

 583777

 FFEDFF

 40205E

 270A46

 16002F

 000119

 000000

 A780C7

 A780C7

9E6CC7

B094C7

9558C7

B9A8C7

8C44C7

C2BCC7

8330C7

CBD0C7

7A1CC7

D4E4C7

7109C7

DDF7C7

6D00C7

E6FFC7

EFFFC7

F8FFC7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6F8ED8



A780C7



CA74A7

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



A780C7



B98648



00A39F

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



A780C7



A0C780

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37A178



A780C7



979345

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A780C7



CF795F



6E9C57



00A1C1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A780C7



D5718E



6E9C57



00A392



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



A780C7



F2E3FF



80A1C7



786F80



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



A780C7



CE91FF



C780C5



5F5A63



5A00A3



140024



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C780A0



FF91C3



80C782



635A5E



A3004A

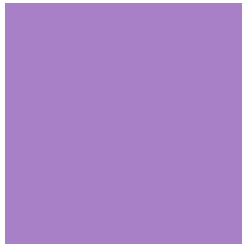


240010



# Previews

## White Background



This preview shows how the Hex color A780C7 looks on a white background.

## Color Contrast Check

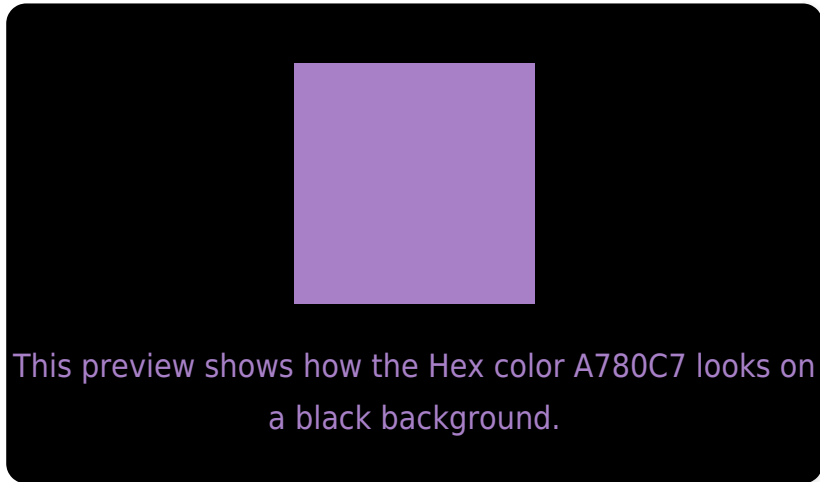
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

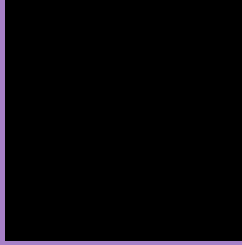
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A780C7 Background



This preview shows how black text looks on a background with the Hex color A780C7.

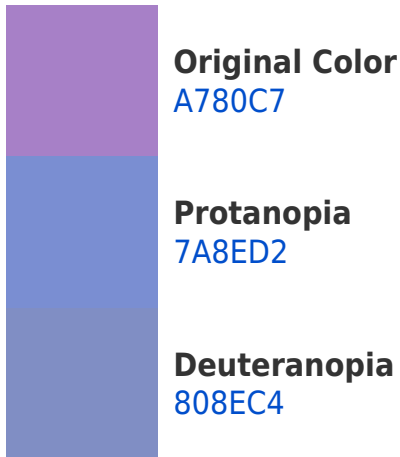


This preview shows how white text looks on a background with the Hex color A780C7.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

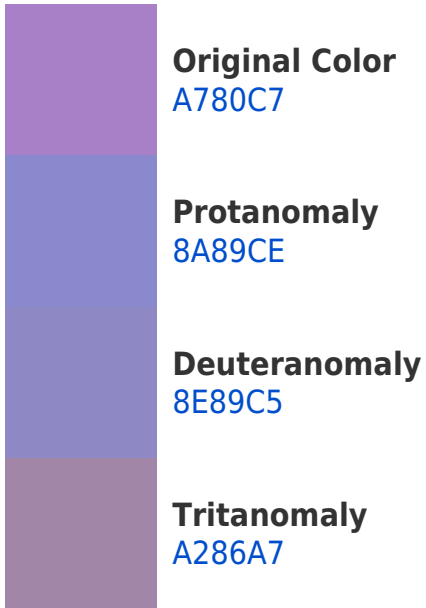
## Dichromacy





**Tritanopia**  
9F8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A780C7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #A780C7 looks like.

```
.text, #text, p{  
    color:#A780C7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #A780C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A780C7
}
```

## Border

The CSS property to change the border of an element to Hex A780C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A780C7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#A780C7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #A780C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A780C7; -webkit-box-shadow:4px 4px  
4px 4px #A780C7; box-shadow:4px 4px 4px  
4px #A780C7 }
```

# Background

The CSS property to change the background color of an element to Hex A780C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A780C7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#A780C7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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